

An Update on the AOD Experiment Operations Support Group

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Outline

- **Merger of the EFO and BTS groups.**
- **Mission of the EOS group.**
- **EOS responsibilities and user services.**
- **Opportunities for expanded/new user services.**



Experiment Operations Support Group

- **The EOS group was formed in April 2004 by the merger of the Experiment Floor Operations and Beamline Technical Support groups.**
- **Consolidating these resources allows AOD to more efficiently and effectively evolve toward a model of enhanced user support.**



Experiment Operations Support Group

EFO

K. Beyer

C. Chaffee

L. Gades

T. Hlavacik

T. Lutes

R. Monroe

P. Pedernana

R. Salazar

R. Spence

J. Ullian

W. Van Wingeren

J. Wold

D. Wyncott

BTS

D. Ferguson

P. Ilinski

C. Lukowski

S. Ross

EOS Mission Statement

The mission of the Experiment Operations Support group is to facilitate the efficient, productive, and safe use and operation of the beamline-based research facilities. In support of this mission, the EOS group:

- Provides high quality technical support to APS users and the groups that operate the beamlines.***
- Provides points of contact to interface the APS Users to the support services of the APS and ANL.***
- Provides safety oversight of user operations for the APS.***

EOS – Responsibilities and User Services

- ***Provide 24-hour coverage for activities on the experiment floor hall, e.g., first point of contact for beamline operational issues.***
- ***Safety oversight, e.g., manage shielding configuration control for all beamlines; verify compliance with the experiment safety review process and with APS/ANL/DOE safety regulations.***
- ***Provide user support on a day-to-day basis, e.g., point of contact for APS, ANL, and contractor services; monitoring of user construction projects; detector and equipment pool operations.***

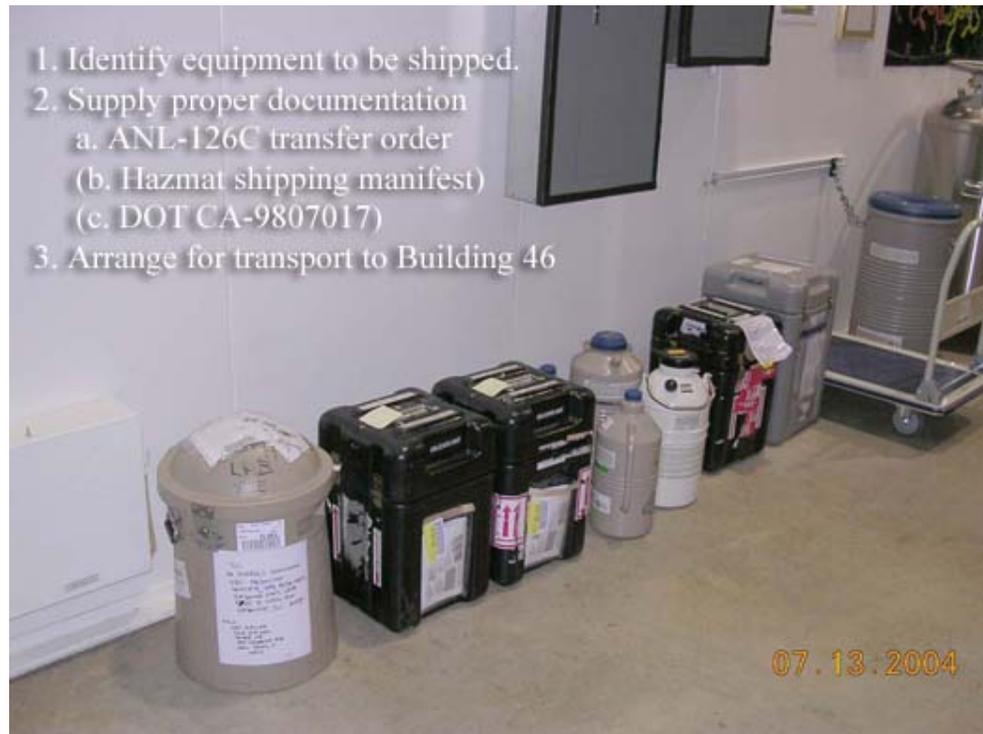
EOS – Responsibilities and User Services

Detector pool update:

- ***Most of the detector pool equipment is now in 431 Z014.***
- ***Recent purchases:***
 - ***1 mar165 CCD detector;***
 - ***1 mar dtb base (in collaboration with GM/CA CAT);***
 - ***2 Vortex SDD detectors (50 mm²);***
 - ***2 KETEK SDD detectors (10 mm²).***
- ***Under consideration for purchase:***
 - ***mar345 image plate;***
 - ***XIA DXP, PXI digital electronics, 12 channels.***

EOS – Expanded/New User Services

- **Enhanced shipping support: pilot trial underway with SBC-CAT.**



EOS – Expanded/New User Services

- **Emergency after-hours access to detector pool equipment: procedure using Floor Coordinator support, to be deployed soon.**
- **Assistance with beamline construction: 10 BM, 11 BM.**
- **Manufacturing support: flux monitor for sectors 3, 4, 13, and 30.**

EOS – Opportunities for Expanded/New User Services

- **Provide sector specific orientation for new users.**
- **Help the resident beamline personnel support their General Users.**
- **Provide assistance on ESAFs, chemical waste management.**
- **Help manage beamline improvement and/or modification work.**
- **Assist with electronics/equipment repairs.**

EOS – Opportunities for Expanded/New User Services

In close consultation with the APS user community (all sectors), we will continue to identify and implement user support services consistent with a sensible use of our resources.

We strongly encourage and welcome your suggestions!

Summary

AOD is committed to providing effective and efficient support to the users.

The creation of the Experiment Operations Support group has consolidated our resources for more efficient and effective user support.

We will actively seek user input to enhance our user support model and to identify new opportunities for user support.